HONDA Service Bulletin

Model	Applicable To	File Under	Bulletin No.
ALL	ALL MANUAL TRANSMISSIONS	SPECIAL TOOLS	89–008
			Issue Date FEB 17, 1989

Mainshaft Inspection Tools

The tools described below must be used in place of the tools shown in the Service Manual to check the mainshaft end play.

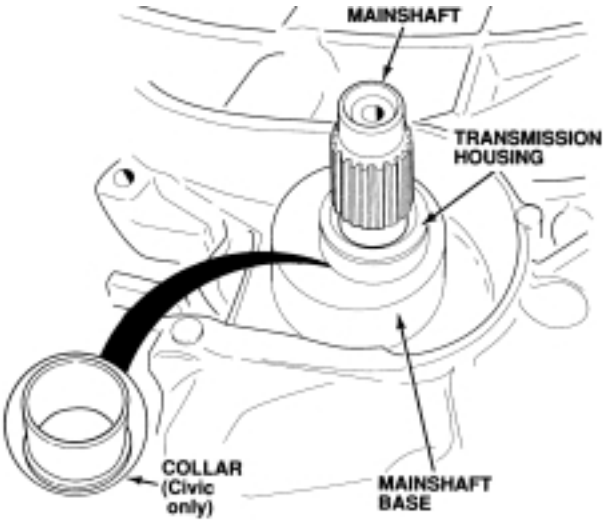
TOOL INFORMATION

Included with the Mainshaft Inspection Tools:
T/N 07GAJ-PG2010A
07GAJ-PG20110 - Mainshaft Holder
07GAJ-PG20130 - Mainshaft Base
07GAJ-PG20120 - Collar

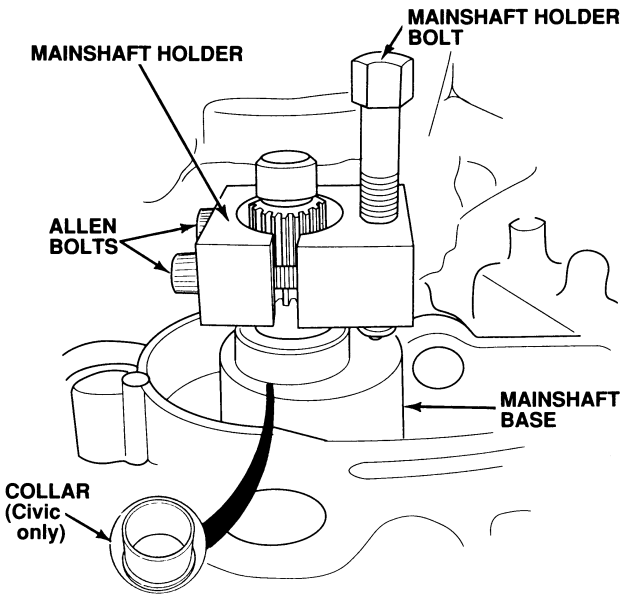
HOW TO USE:

1. Remove the transmission as described in the appropriate service manual.
2. Remove the release bearing from the transmission housing.
3. Slide the mainshaft base over the mainshaft onto the transmission housing or collar (if used).

   NOTE: On all Civics except 1988 and later 4WD wagons, slide the collar over the mainshaft onto the transmission housing before installing the base. Make sure the lip of the collar is facing the transmission.



4. Attach the mainshaft holder to the mainshaft as follows:
   - Back-out the mainshaft holder bolt and loosen the two Allen bolts.
   - Fit the holder over the mainshaft so its lip is towards the transmission.
   - Align the mainshaft holder's lip around the groove at the inside of the mainshaft splines, then tighten the Allen bolts.



5. Seat the mainshaft fully by tapping its end with a plastic hammer.
6. Thread the mainshaft holder bolt in until it just contacts the wide surface of the mainshaft base.

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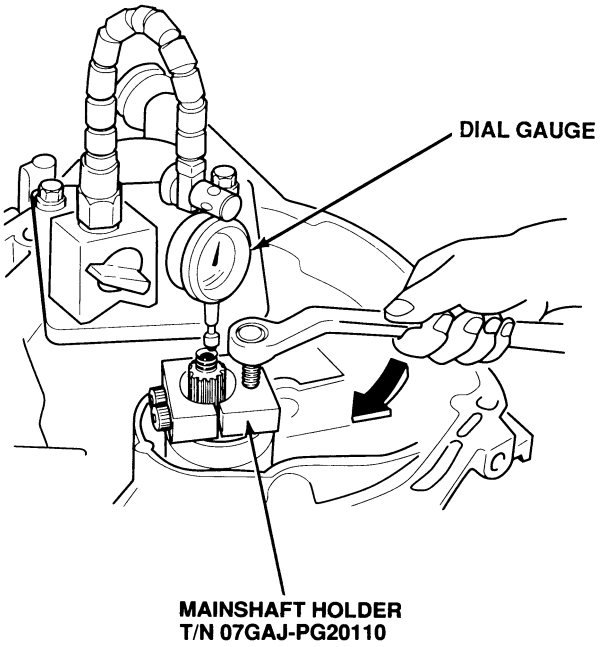
CUSTOMER INFORMATION: The information in this bulletin is intended for use *only* by skilled technicians who have the proper tools, equipment, and training to correctly and safely maintain your car. These procedures should not be attempted by "do-it-yourselfers," and you should not assume this bulletin applies to your car, or that your car has the condition described. To determine whether this information applies, contact an authorized Honda automobile dealer.

7. Zero a dial gauge on the end of the mainshaft.



8. Turn the mainshaft holder bolt clockwise; stop turning when the dial gauge has reached its maximum movement. The reading on the dial gauge is the amount of mainshaft end play.

   CAUTION: Turning the shaft holder bolt more than 60 degrees after the needle of the dial gauge stops moving may damage the transmission.

9. Check that the mainshaft end play is within the specification shown in the service manual. If the clearance is correct, disassemble the transmission and reshim the mainshaft as described in the service manual. Re-check the mainshaft end play after re-assembly.